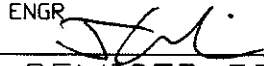

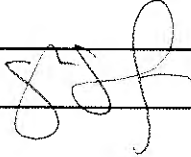


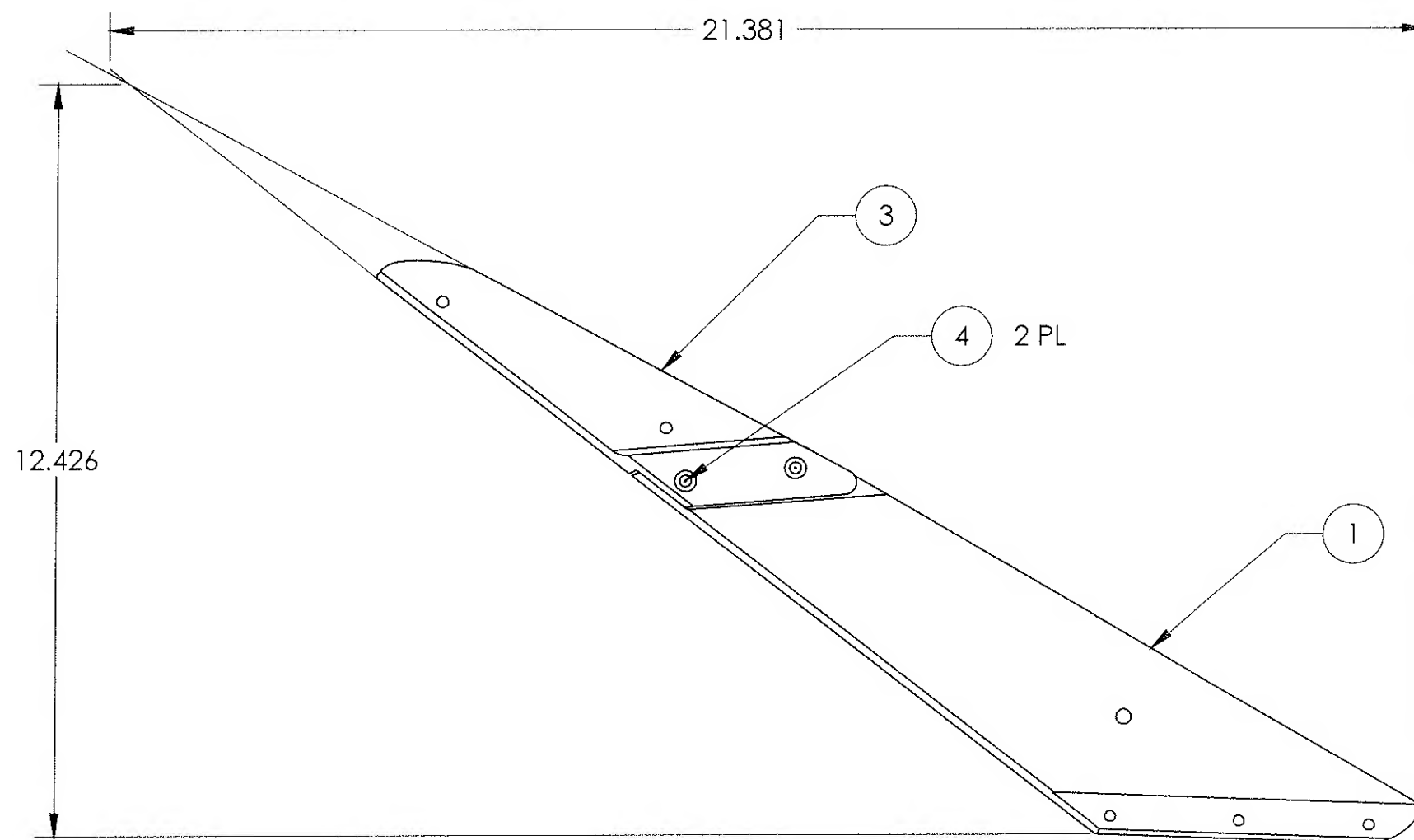
APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 04744				SHEET 1 OF 1	
	DWG NO. 649.5300		REV: C	PREPARED BY T. CROSS	DATE: 11-18-14	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.
	DWG TITLE: DEFLECTORS					
APPROVED BY: 		ENGR	MFG: 	QC: 	EFF: NEXT ORDER	
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE		REASON: REVISED BOM				ECR: D-14-08

ACTION LIST:
1. NONE

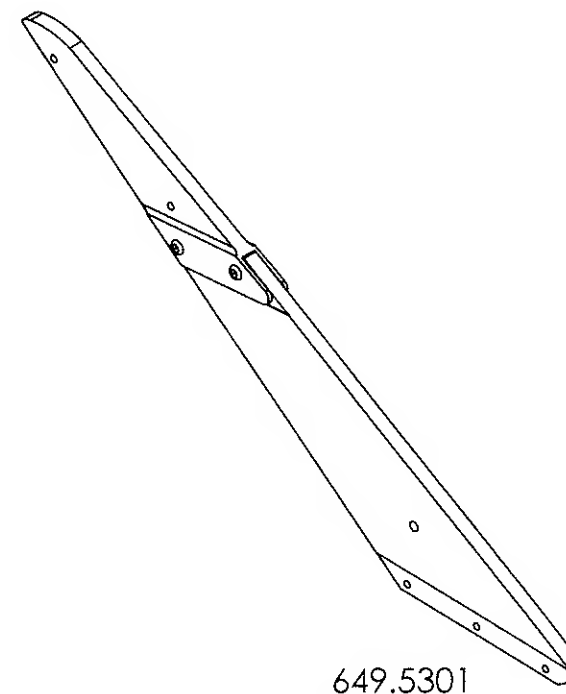
4	R	601.3122	2	RIVET	MS20470AD6-14	
F/N	TC	PART NUMBER	.5301 QTY	DESCRIPTION	MATERIAL	SPECIFICATION
DOCUMENTS EFFECTED:				CHANGE CATEGORY	DER REVIEW REQUIRED	
<input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRUC <input type="checkbox"/> ICA <input checked="" type="checkbox"/> BOM				<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	

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- 1 MATERIAL: ALUMINUM 7075-T651 PER AMS-QQ-A-250/12
- 2 FINISH: HARD ANODIZE IAQ MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK;
PRE TREAT PRC-DESOTO PR-148 ADHESION PROMOTER;
PRIMER IAW MIL-P-23377J TYPE I CLASS N; 1-2 MIL MAX
3. DEBURR AND BREAK ALL SHARP EDGES
4. IDENTIFY IAW MPP-120
- 5 APPLY F/N 5 AS REQUIRED TO ALL FAYING SURFACES OF F/N 2 & 3 UPON ASSY



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE REVISION: PR1		N/A
N/C	INITIAL RELEASE	12/06/11	P. BRAVO
A	INCORPORATED ECN'S 03413, 03421 AND 03486	04/16/12	P. BRAVO
B	INCORPORATED ECN 03523	05/23/12	P. BRAVO
C	INCORPORATED ECN 04057	08/13/13	P. BRAVO



649.5301

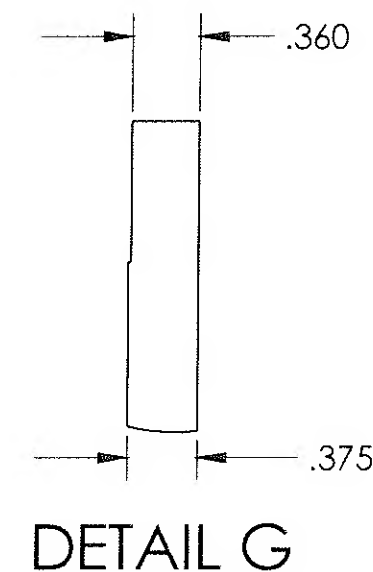
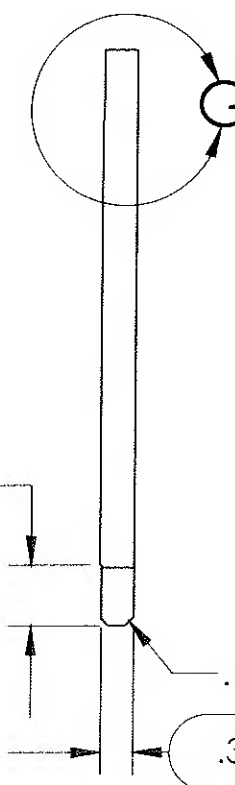
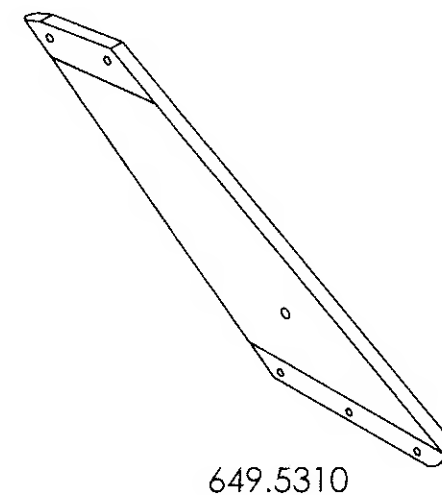
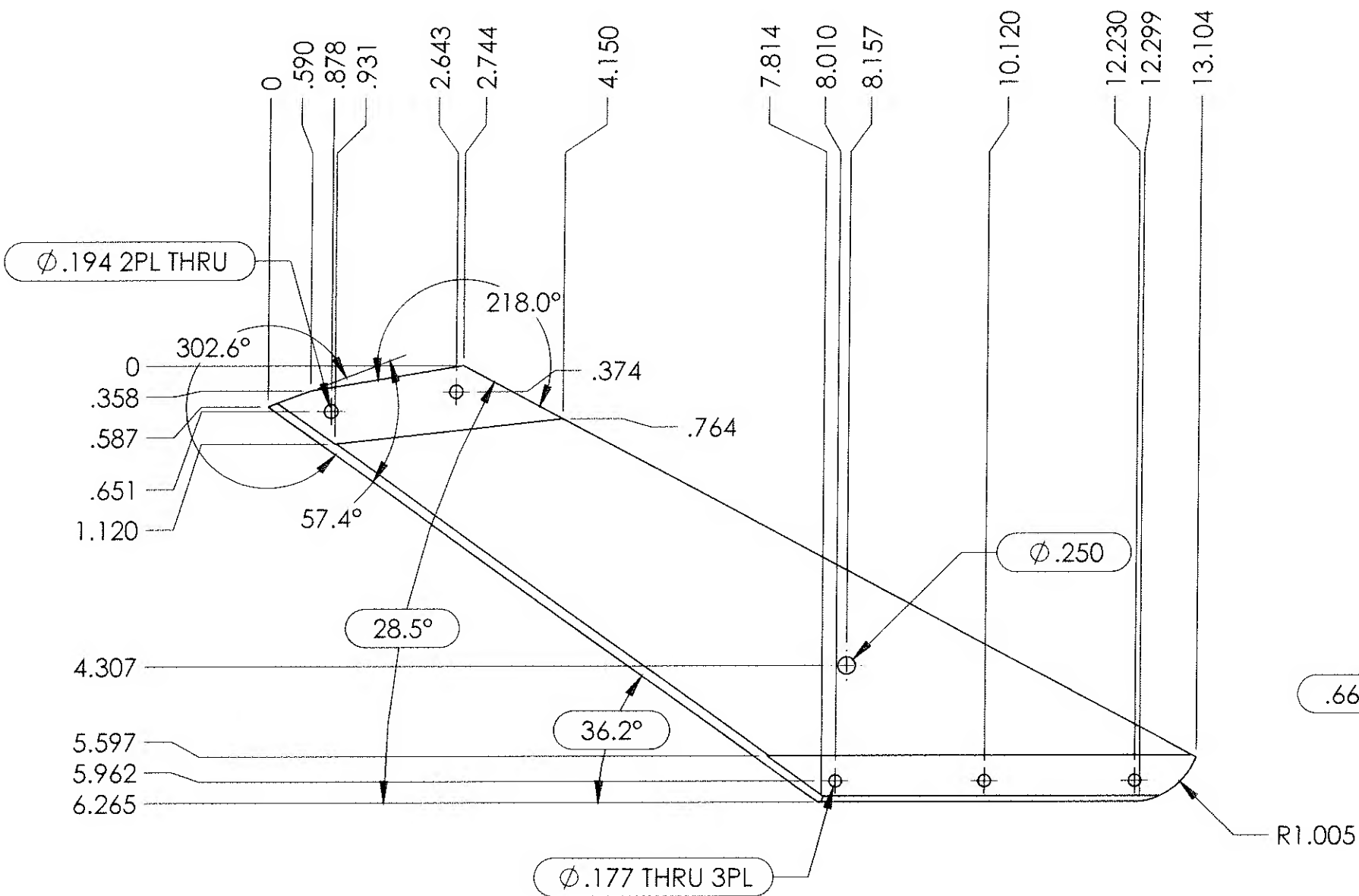
UNINCORPORATED ECN(s)

04744

A/R	5	601.2045	RTV, LOCTITE 598		5
2	4	601.3074	RIVET	MS20470AD6-12	
1	3	649.5312	BREAKAWAY TIP		1 2
	2	649.5311	UPPER DEFLECTOR		1 2
1	1	649.5310	LOWER DEFLECTOR		1 2
		649.5301	LOWER DEFLECTOR ASSY		
.5301	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.
QTY		PARTS LIST			
NEXT ASSY (S)		ORIGINAL DATE (MO-DA-YR)	12-06-11	APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
649.4900		DRAWN BY	CHECKER		
		A. QUAN	P. BRAVO	DEFLECTORS	
		DRAWING APPROVAL			
		P. BRAVO		SCALE NONE	
		12-06-11			
		CONTRACT NO.		SHEET 1 OF 4	
		UNLESS OTHERWISE SPECIFIED		REV. C	
		DIMENSIONS ARE IN INCHES			
		TOLERANCES ARE:		DWG. NO. 649.5300	
		2 PLACE DECIMALS ±.03			
		3 PLACE DECIMALS ±.010		CAGE CODE 07M26	
		ANGLES ±.5°			

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A
B
C
D



ORIGINAL DATE (MO-DA-YR) 12-06-11		APICAL INDUSTRIES	
DRAWN BY A. QUAN	CHECKER P. BRAVO	2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760) 724-5300	
DRAWING APPROVAL P. BRAVO (12-06-11)		DEFLECTORS	
CONTRACT NO.		SCALE NONE	SHEET 2 OF 4
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .03$ 3 PLACE DECIMALS $\pm .010$ ANGLES $\pm .5^\circ$		W/F CASE CODE B 07M26	REV. C
		DWG. NO. 649.5300	

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.13 X 45° 2PL

SECTION C-C

Ø.177 THRU 3 PL

.30 X 23.0°

R1.100

2.109±.002

4.219±.002

DETAIL A

.375

17.93

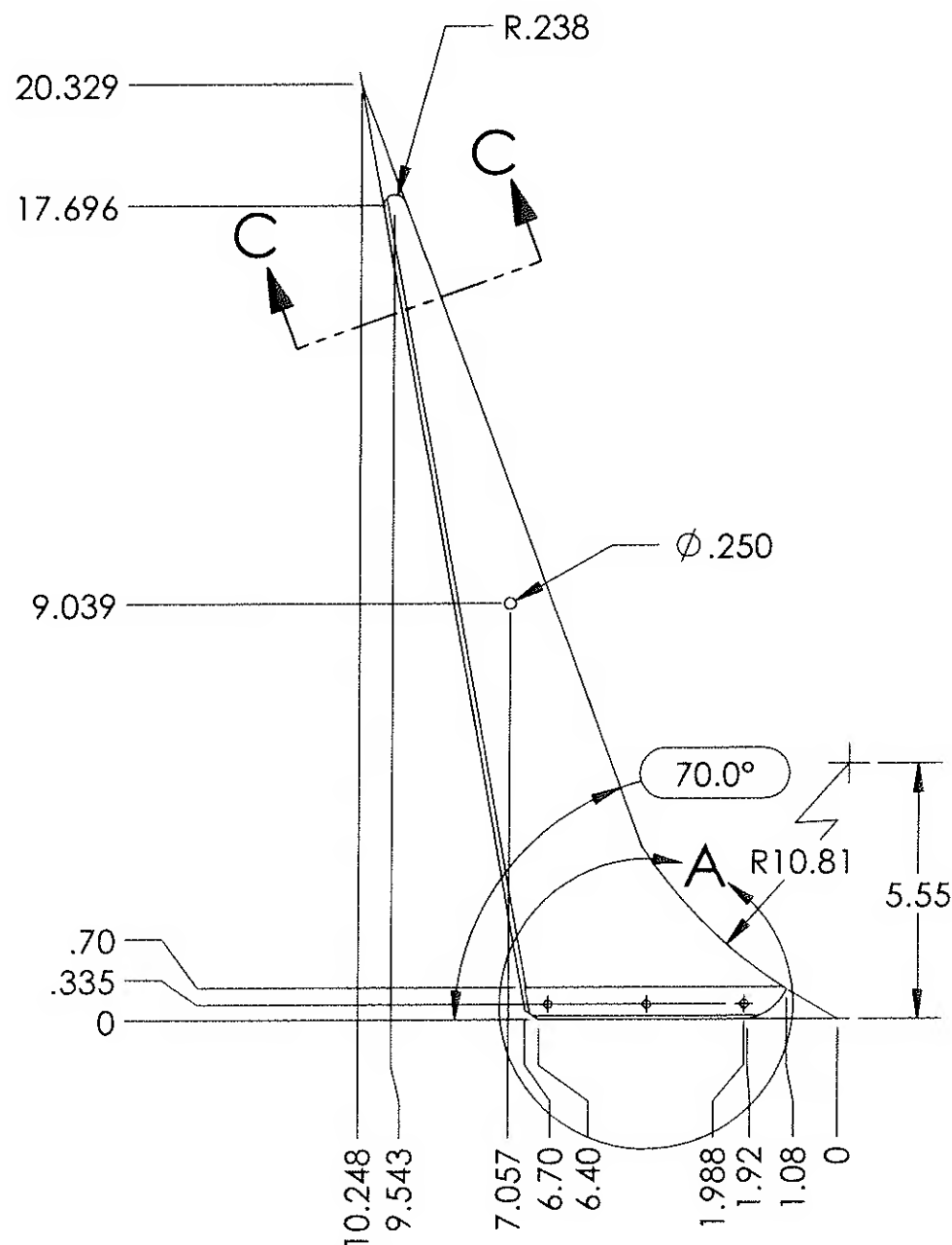
.701

.04 X 45.0° 2PL

.358^{+.000}
-.002

DETAIL B

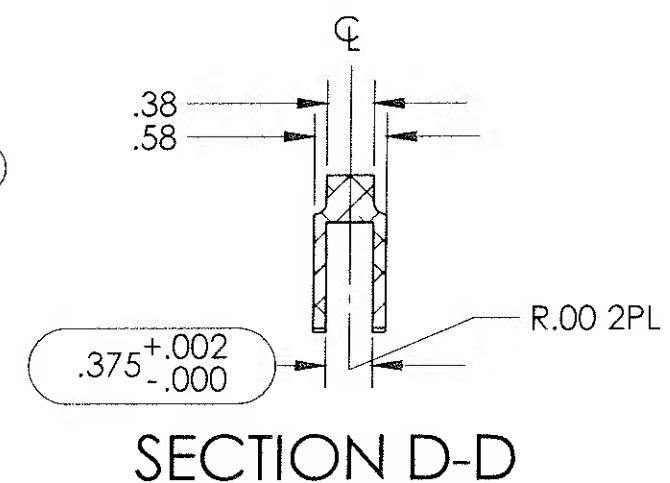
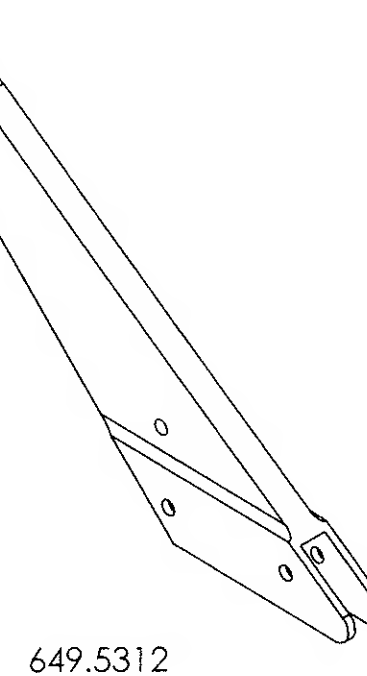
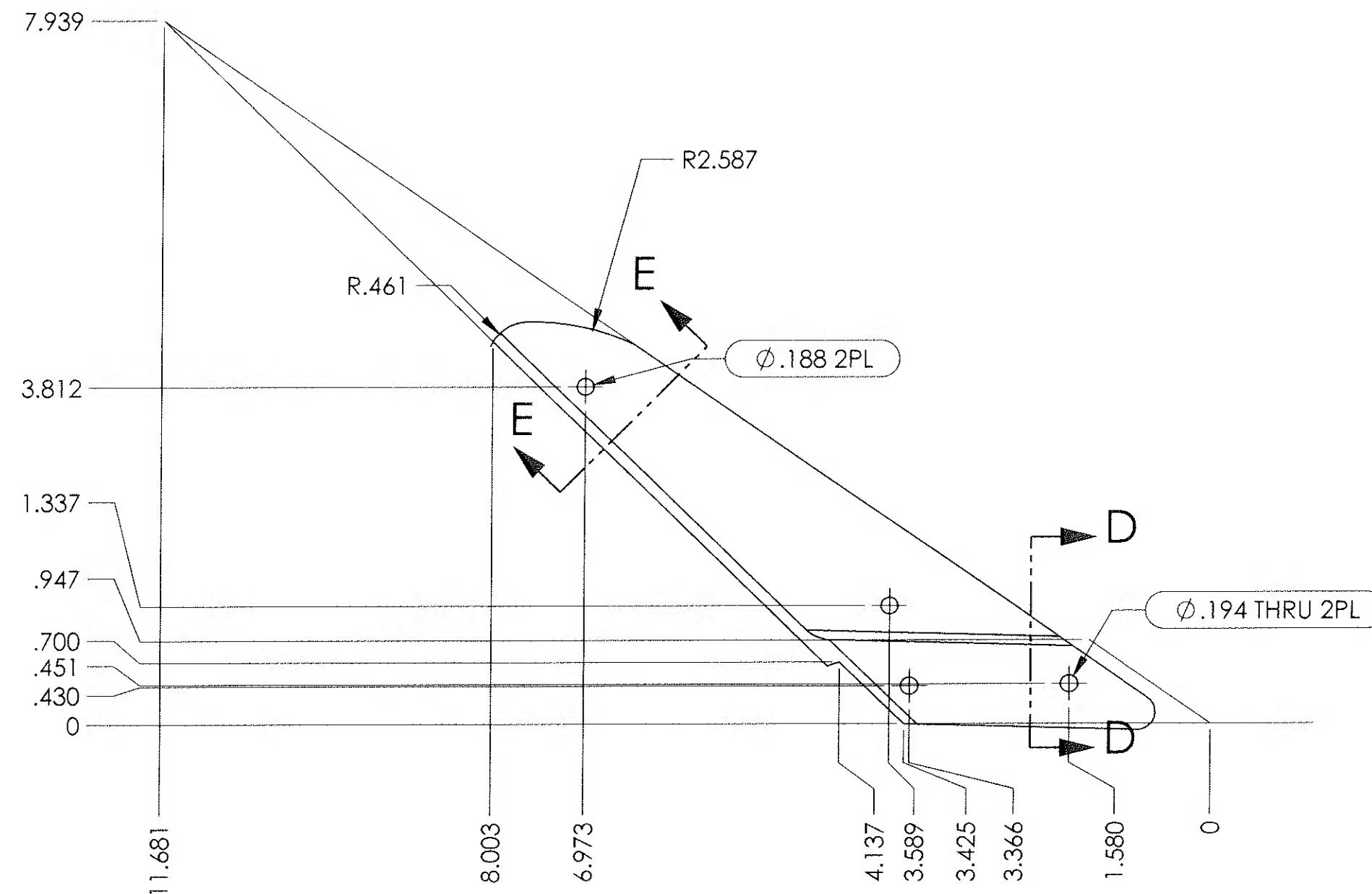
649.5311



ORIGINAL DATE (MO-DA-YR) 12-06-11		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760) 724-5300	
DRAWN BY A. QUAN	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 12-06-11		DEFLECTORS	
CONTRACT NO.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ±.5°		SIZE B	CAGE CODE 07M26
		DWG. NO. 649.5300	REV. C
		SCALE NONE	SHEET 3 OF 4

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.13 X 45.0° 2PL
SECTION E-E



ORIGINAL DATE (MO-DA-YR) 12-06-11		APICAL INDUSTRIES	
DRAWN BY A. QUAN	CHECKER P. BRAVO	2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760) 724-5300	
DRAWING APPROVAL P. BRAVO 12-06-11		DEFLECTORS	
CONTRACT NO.		SIZE B	REV. C
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .03$ 3 PLACE DECIMALS $\pm .010$ ANGLES $\pm .5^\circ$		CAGE CODE 07M26	DWG. NO. 649.5300
SCALE NONE		SHEET 4 OF 4	